



Request for City Council Committee Action from the Department of Public Works

Date: July 8, 2014

To: Honorable Kevin Reich, Chair Transportation and Public Works Committee

Referral to: Honorable John Quincy, Chair Ways and Means Committee

Subject: **Request authorization to enter into an agreement with AssetWorks
for an Automatic Vehicle Location pilot program**

Recommendation:

Authorize the proper City officials to enter into Pilot Program Agreement with AssetWorks regarding their Automatic Vehicle Location (AVL) telematics capability software and hardware, including an agreement to indemnify them for any breach of their proprietary rights.

Department Information

Prepared by: Douglas C. Gregerson, Sr. Management Analyst, Public Works, 673-3170

Approved by: _____
Steven A. Kotke, P.E., Director of Public Works

Presenters in Committee: Douglas C. Gregerson

Reviews

- Permanent Review Committee Approval _N/A_ Date _____
(PRC):

Financial Impact

- None. Action is within the current project budget. If the AssetWorks solution is not implemented after the pilot, The City would be liable to pay to uninstall pilot equipment. The impact would be \$160 per vehicle or \$1,600 total for 10 vehicles. This cost would be borne within the current Fleet Services 2014 appropriation.

Community Impact

- City Goals: A City that works, City government runs well and connects to the community it serves.

Supporting Information

The City, through the Public Works' Fleet Services Division, would like to implement an Automatic Vehicle Location (AVL) telematics capability in city vehicles where appropriate and requested by the customer departments. As part of the decision process, we would like to implement and monitor a pilot in approximately ten city vehicles, across four different work units within the City. This proposed pilot would last 30 days and use existing software that the City already has installed, AssetWorks or (M5). AssetWorks is the work order software that records and tracks mechanics time and maintenance work done on all of the City's vehicles.

For achieving the AVL telematics capability a small device would be installed in each of the selected vehicles to track a full set of vehicle diagnostics, to achieve:

- Fleet Management Benefits
 - Remote vehicle diagnostics
 - Reduced unscheduled maintenance
 - Example – ReGen Light (Diesels) – Green Fleet System that will shut down the vehicle if corrective action isn't taken. Replacing the particulate filter can cost thousands of dollars.
 - Reduce fuel consumption (idling)
 - Accident Reduction
 - Preventative Maintenance

Operational Benefits

- Route planning
- Emergency response
- Accident investigation
- Fraudulent accident claims against the City of Minneapolis
- Complaint investigation

The pilot will include vehicles from Regulatory Services Traffic Control, Environmental Health, PW Solid Waste and Recycling and PW Transportation Maintenance and Repair.

The agreement requires the City to acknowledge the exclusive proprietary rights of AssetWorks in the software and hardware and indemnify them for any breach of their proprietary rights.